

CLAIMS

1/ A fluid dispenser comprising:

5 a fluid reservoir (1; 1') provided with an opening (10; 10'), the opening being formed by a neck (10) having a top end (12) and an inside wall defining a narrow aperture segment (111) in the vicinity of the top end, and a recessed segment (112) which extends below the narrow aperture segment;

10 a dispensing member (2) provided with a body (20); and

a fixing member (3; 3') for fixing said body in the opening;

15 said fixing member being provided with a skirt (31; 31') serving to come into engagement in the opening, and with a sleeve (32) serving to come into engagement around the body;

20 said fluid dispenser being characterized in that the body forms a cam segment (204) for deforming the skirt outwards into pressed contact with the opening, the skirt (31) having a sealing zone (313) which, in the final position, comes into leaktight contact with the narrow aperture segment (111), and a fixing zone (314) which, in the final position, comes into tight-fitting contact with the recessed segment (112).

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2/ A fluid dispenser according to claim 1, in which the body (20) has a large-diameter segment (207) on which the sleeve (32) comes into leaktight engagement in the final assembled position.

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3/ A fluid dispenser according to claim 1, in which the body (20) has an intermediate segment (205) situated above the cam segment (204) and below the large-diameter segment (207), the skirt (31; 31') coming into tight-fitting engagement with said intermediate segment (205)

in the final assembled position, the sleeve (32) being in engagement with said intermediate segment (205) before the skirt comes into engagement with the cam segment (204).

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4/ A fluid dispenser according to claim 3, in which the body (20) has a small-diameter segment (203) situated below the cam segment (204), the skirt (31; 31') being in engagement with the small-diameter segment (203) when the 10 sleeve (32) is in engagement with the intermediate segment (205).

5/ A fluid dispenser according to claim 1, in which the opening has a substantially cylindrical inside wall.

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6/ A fluid dispenser according to claim 1, in which the skirt forms tabs (314) separated by slots (315).

7/ A fluid dispenser according to claim 1, in which the 20 body (20) forms a top collar (208) under which the sleeve (32) comes into abutment in the final position.

8/ A fluid dispenser according to claim 3, in which the sleeve (32) has an inside wall that forms a holding bead 25 (321) adapted to come into tight-fitting engagement with the intermediate segment (205) to hold the fixing member (3) in place on the body (20) when it is inserted into the neck.

30 9/ A fluid dispenser according to claim 1, in which the skirt (31) has an inside wall provided with a cam bead (311) serving to come into engagement with the cam segment (204).

10/ A fluid dispenser according to claim 1, in which the skirt (31; 31') is provided with a bottom lip (316) in contact with the body (20).

5 11/ A fluid dispenser according to claim 9 or claim 10, in which the skirt (31; 31') is in contact with the intermediate segment (205) via the cam bead (311) and via the bottom lip (316) only.

10 12/ A fluid dispenser according to claim 1, in which the fixing member (3) is provided with an abutment flange (33) serving to come freely into contact with the opening (10; 10') without being force-fitted.

15 13/ A fluid dispenser according to claim 1, in which the body is provided with a vent hole (209) located at the level the skirt.